

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1443A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

**Complete if Known**

Application Number	10/790,603
Filing Date	03/01/2004
First Named Inventor	Wu
Art Unit	3673
Examiner Name	Robert G. Santos
Attorney Docket Number	3426W

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R.S.		US- 4,745,647	05-24-1988	Goodwin	
		US- 4,768,249	09-06-1988	Goodwin	
		US- 4,797,962	01-17-1989	Goode	
		US- 4,947,500	08-14-1990	Seiler	
		US- 4,949,412	08-21-1990	Goode	
		US- 4,949,413	08-21-1990	Goodwin	
		US- 4,949,414	08-21-1990	Thomas et al.	
		US- 4,993,920	02-19-1991	Harkleroad et al	
		US- 5,003,654	04-02-1991	<del>Chaffee</del> Vczolik	
		US- 5,005,240	04-09-1991	<del>Voik</del> Vczolik	
		US- 5,044,029	09-03-1991	Gore	
		US- 5,051,673	09-24-1991	Hogan et al.	
		US- 5,052,067	10-01-1991	Ozarowski et al.	
		US- 5,062,167	11-05-1991	Bodine, Jr. et al.	
		US- 5,073,999	12-24-1991	James et al.	
R.S.		US- 5,090,077	02-25-1992	Caden et al.	
		US- 5,092,007	03-03-1992	Hasty	
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1
		Country Code <sup>1</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				

Examiner Signature	<i>Robert E. Santos</i>	Date Considered	<i>November 2000</i>
-----------------------	-------------------------	--------------------	----------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	
Filing Date	03/01/2004
First Named Inventor	Wu
Art Unit	3673
Examiner Name	Robert G. Santos
Attorney Docket Number	3426W

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R.S.		US- 5,095,568	03-17-1992	Thomas et al.	
		US- 5,117,518	06-02-1992	Schild	
		US- 5,121,513	06-16-1992	Thomas et al.	
		US- 5,138,729	08-18-1992	Ferrand	
		US- 5,142,719	09-01-1992	Vrsalik	
		US- 5,152,021	10-06-1992	Vrsalik	
		US- 5,152,319	10-06-1992	Hannagan et al.	
		US- 5,182,826	02-02-1993	Thomas et al.	
		US- 5,233,974	08-10-1993	Senoue et al.	
		US- 5,243,721	09-14-1993	Teasdale	
		US- 5,251,349	10-12-1993	Thomas et al.	
		US- 5,267,363	12-07-1993	Chaffee	
		US- 5,267,364	12-07-1993	Volk	
		US- 5,272,778	12-28-1993	Gore	
		US- 5,343,893	09-06-1994	Hogan et al.	
		US- 5,349,983	09-27-1994	Ozarowski et al.	
		US- 5,375,273	12-27-1994	Bodine, Jr. et al.	
R.S.		US- 5,394,577	03-07-1995	James et al.	

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Robert E Santos

Date  
Considered

November/2004

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3**Complete if Known**

Application Number	
Filing Date	03/01/2004
First Named Inventor	Wu
Art Unit	3673
Examiner Name	Robert G. Santos
Attorney Docket Number	3426W

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R.S.		US- 5,619,764	04-15-1997	Lopau	
		US- 5,774,917	07-07-1998	Liu	
		US- 5,947,168	09-07-1999	Viard	
		US- 6,108,843	08-29-2000	Suzuki et al.	
		US- 6,115,860	09-12-2000	Vrsalik	
R.S.		US- 6,257,269	07-10-2001	Wu	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner  
Signature*Robert G. Santos*Date  
Considered*4 November 2004*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.